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/BD/ and frequency uncertainty," Proceedings of the Global Telecommur (GLOBECOM), San Francisco, Nov. 28 – Dec. 2, 1994, New York, IEEE, U 28, 1994, pages 24-28.								, U.S., vo	ol. 1, Nove	ember							
/BD/	3	GANSMAN et al., "Frame Synchronization for PSAM on Rayleigh Fading Channels," Conference Record of the ASILOMAR Conference on Circuits, Systems and Computers, vol. 1, October 30, 1995, pages 260-264.															
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			2	L	OTSUKI et al., "Performance Analysis of Adaptive Modulation Systems Using Square-QAM", Technical Report														
			_	of IEICE, RCS94-96, 1994-09, pages 43-48, together with an English language Abstract thereof.															
	·		3		MURAKAMI et al., "A Method of Frame Structure in QAM Channels", Matsushita Research Institute														
	•		4		Tokyo, Inc., together with an English language Abstract thereof. English Language Abstract of JP 7-250116, date September 26, 1995.														
			5	English Language Abstract of JP 10-247955, date September 14, 1998.															
	-		6	English Language Abstract of JP 10-065645., date March 06, 1998															
$-\Psi$.	7		English Language Abstract of JP 11-191794, date July 13, 1999														
/BD/		8 MURAKAMI, et al., A Study of Inserting QPSK Symbols into 16 QAM Streams," Lecture Papers of																	
1001	-	<u> </u>	۴				<u> </u>												
				The Institute of Electronics, Information and Communication Engineers (1998), Japan, The Institute of Electronics, Information and Communication Engineers, March 1998, Communication 1, B-5-69, p.433, together															

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